SRASM20

SAFETY RELAY SRA… SERIES, SINGLE FUNCTION, 2NO, FOR OSSD DEVICES AND INTEGRATED SAFETY FUNCTIONS (EDM), AUXILIARY SUPPLY 24VDC, UP TO CAT.4, PLE

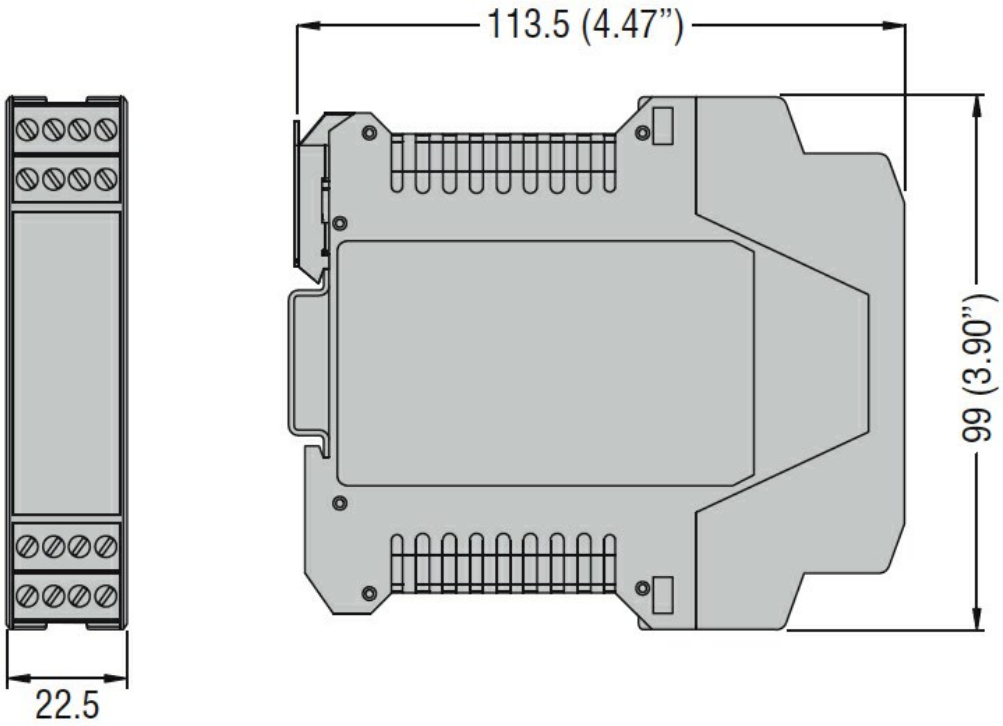


Product designation		SRA
Product type designation		Single function
General characteristics		
General characteristics		
Functions		Devices OSSD
Contact characteristics		
Type of contact		2NO
Operations		
Mechanical life	cycles	>10^7
Auxiliary supply		
Nominal auxiliary voltage supply		24VDC
Operating range	V	22...26VDC / 20.4...27.6VAC
Overvoltage category		III
Insulation voltage	kV	4
Input characteristics		
Number of inputs	Nr.	2
Input current	mA	Typical 4.3
Input voltage		0-30VDC
Output characteristics		
Number of safe outputs NO	Nr.	2
Number of safe outputs NC	Nr.	0
Number of feedback outputs	Nr.	0
Output type		Relays with forcibly guided contacts
Output contacts ratings		AC1 250V: 6A-2000VA AC15 230V: 5A DC13 24V: 2A
UL 508 ratings		Pilot duty: B300-Q300
Mechanical life	cycles	>10^7
Electrical life AC1 at 360 commutations/h	cycles	10^5
Safety parameters		
ISO 13849-1 security category		Cat. 4
ISO 13849-1 performance level		PLe
Mechanical features		
Fixing		35mm DIN rail
Weight	g	150
Ambient conditions		
Protection degree		IP40 on front IP20 on terminals
Pollution degree		2
Temperature		
Operating temperature		

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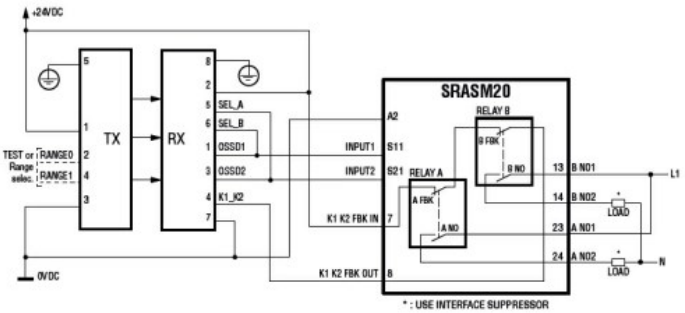
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-30
		max	°C	+70
Relative humidity			%	≤95

Dimensions

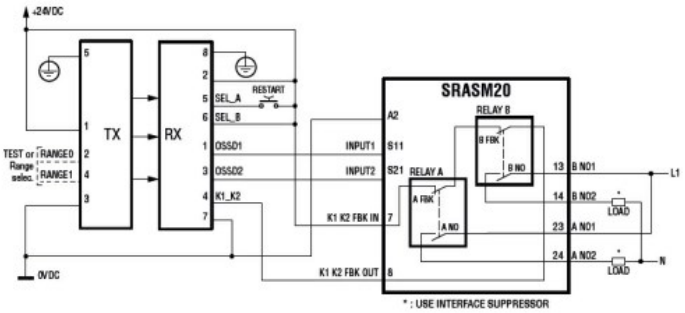


Wiring diagrams

Example of connection of the SRASM20 module with safety light curtain in AUTOMATIC operatione mode



Example of connection of the SRASM20 module with safety light curtain in MANUAL operatione mode



Certifications and compliance

Compliance	
	EN/BS 62061
	EN/ISO/BS 13849-1
Certificates	
	cULus
	TÜV

ETIM classification

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ETIM 8.0	EC001449 - Device for monitoring of safety-related circuits

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